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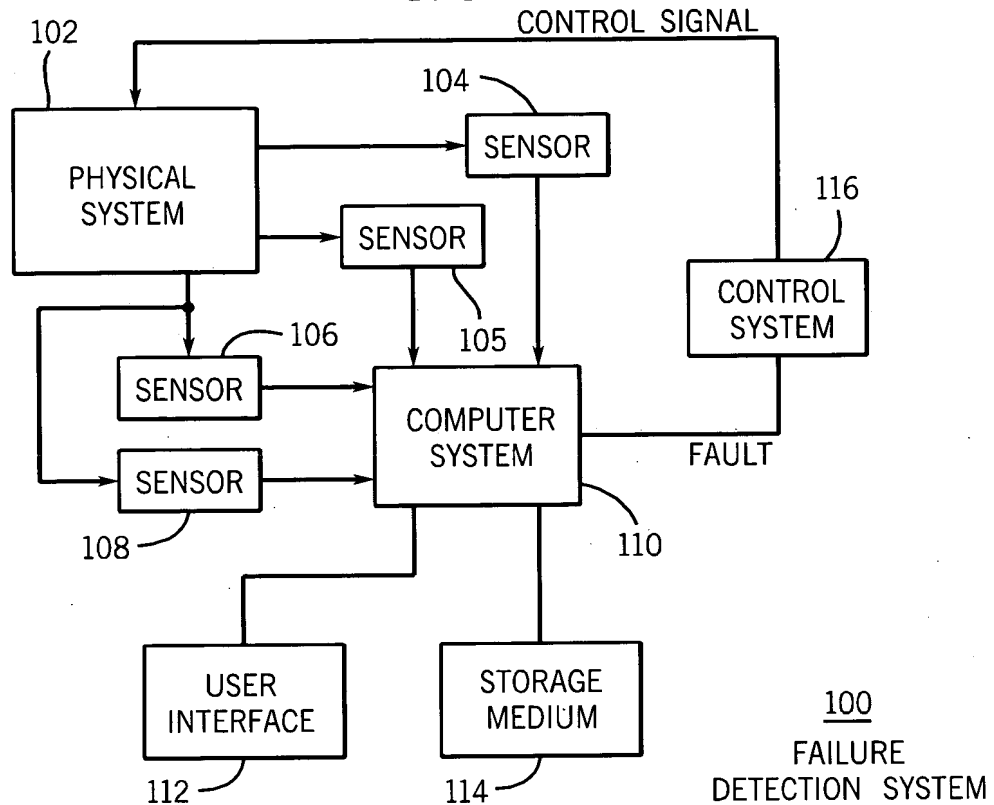
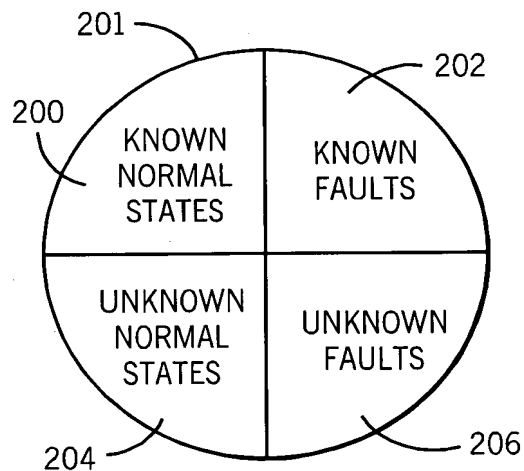
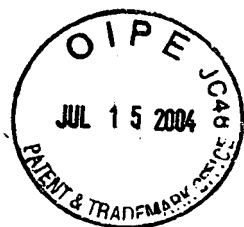


FIG. 1

FIG. 2





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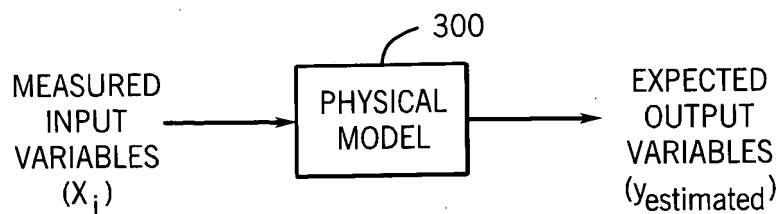
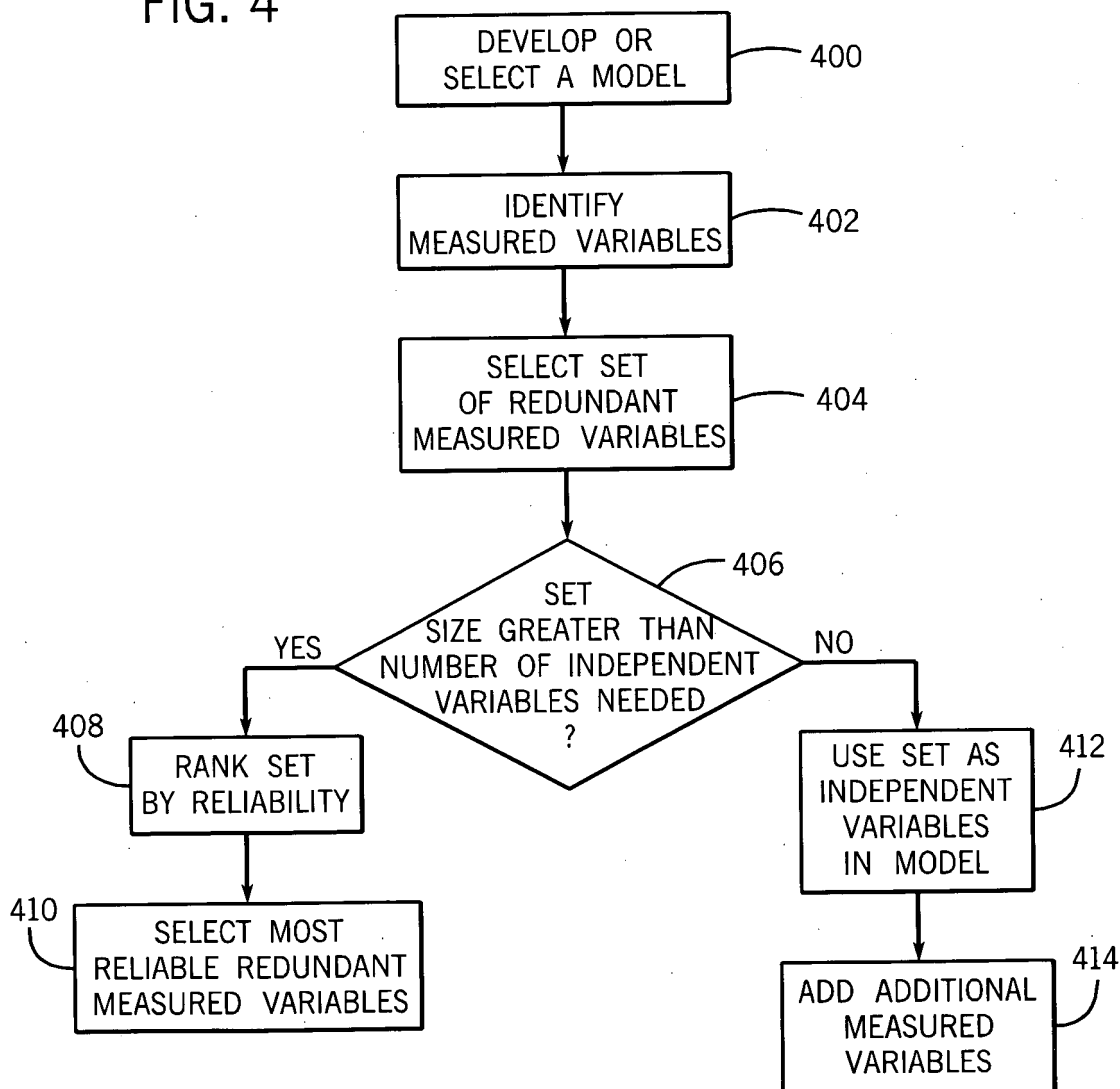


FIG. 3

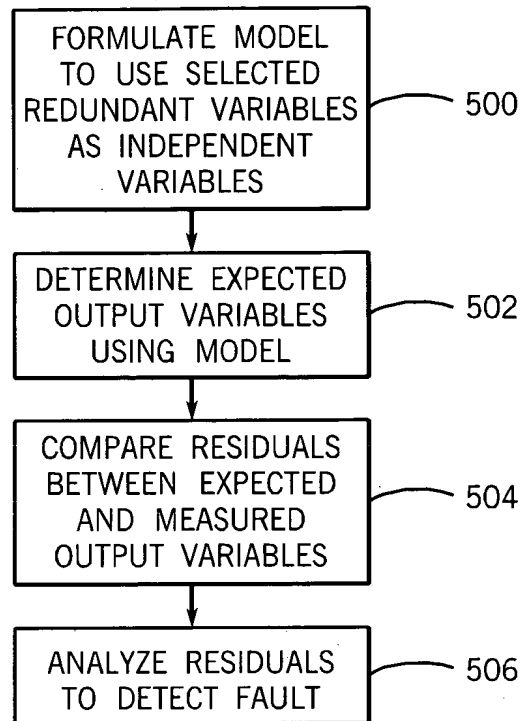
FIG. 4





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FIG. 5



ACTUAL MEASURED VARIABLES	CORRESPONDING PHYSICAL CONDITION
P2	INLET PRESSURE
T2	INLET TEMPERATURE
N1	LOW-PRESSURE SPOOL SPEED
N2	HIGH-PRESSURE SPOOL SPEED
P3	COMPRESSOR DISCHARGE PRESSURE
T5	TURBINE TEMPERATURE
x_wf	FUEL METERING VALVE POSITION

DERIVED VARIABLE	CORRESPONDING PHYSICAL CONDITION
T4	TURBINE INLET TEMPERATURE

FIG. 6